

ABSTRACT

A method and system are described for multi-stage cooling of a system, such as a computer system, and a high thermal dissipating object, such as a CPU, to minimize acoustic noise generated by the cooling system. The method includes causing at least one fan in a system to operate at high speeds during a first stage, and reducing the speed of at least one fan during an intermediary stage. The system includes a high thermal dissipating object, a heat sink connected to the high thermal dissipating object, a first fan to direct airflow on a main section of a heat sink during a first stage, and a second fan to direct airflow on an extended section of the heat sink. Optionally, a final stage may be entered into where all fans are shut off.